

02

AN 95-330848 (43)

AIN - 95-33084 [43] ←
AP - JP940005619 940124
PP - JP940005619 940124
TI - High-response bio-sensors - are mfd. by disposing electrode system including measuring and counter electrode on insulating board, forming hydrophilic polymer layer, dropping soln. contg. redox enzyme(s) onto layer, and drying
IW - HIGH RESPOND BIO SENSE MANUFACTURE DISPOSABLE ELECTRODE SYSTEM MEASURE COUNTER ELECTRODE INSULATE BOARD FORMING HYDROPHILIC POLYMER LAYER DROP SOLUTION CONTAIN REDOX ENZYME LAYER DRY
PA - (MATU) MATSUSHITA DENKI SANGYO KK
PN - JP7209243 A 950811 DW9543 G01N27/327 005pp
IC - G01N27/327
AB - J07209243 Biosensor determines a substrate by reducing an electron acceptor with electrons generated in reaction of the substrate and a redox enzyme and electrically measuring the amt. of the acceptor reduced. Biosensor is made by: (i) disposing an electrode system including a measuring and a counter electrode on an insulating board. (ii) forming a hydrophilic polymer layer on the system and (iii) dropping a soln. contg. a redox enzyme(s) onto the layer and drying the resultant body at two or more temps. to form a reaction layer.
- ADVANTAGE - The method provides high-response biosensors through simple procedures.(Dwg.0/4)